

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Zhang et al. Art Unit : Unknown
Serial No. : 09/941,474 Examiner : Unknown
Filed : August 28, 2001
Title : METHOD AND APPARATUS FOR PRECISION TUNING AN OPTICAL
FILTER USING A BALL-END JOINT

Commissioner for Patents
Washington, D.C. 20231

TRANSMITTAL LETTER

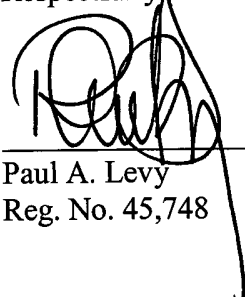
Correspondence relating to this application is enclosed. The required fees are computed below. Please apply any charges not covered, or any credits, to Deposit Account No. 06-1050.

Total Claims	21	-	20	=	1	\$18
Independent	7	-	5	=	2	\$168
First Presentation of Multiple Dependent Claims						\$0
						\$
TOTAL FEE DUE						\$186

A check for \$186 is attached.

Respectfully submitted,

Date: 12/26/02


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I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

December 26, 2002
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Kathryn Lugo
Signature

KATHRYN LUGO
Typed or Printed Name of Person Signing Certificate



Attorney's Docket No.: 13837-043001

#71A
1-23-3
Robertson

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Art Unit : 2874
Examiner : Wood, Kevin, S.

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RESPONSE TO OFFICE ACTION MAILED SEPTEMBER 26, 2002

In response to the action mailed September 26, 2002, please amend the application as follows:

In the claims:

Please cancel claim 7 and 17.

Please amend claims 1, 2, 6, 9, 12 and 14-16 as follows. For convenience, unamended claims are shown in a smaller, italicized font:

1. (Amended) An apparatus for tuning an optical element comprising:
a thin-film filter having a specified response at a first location; and
a mechanism for redirecting incident light to a second location on said optical element so as to achieve a desired response other than said specified response.
2. (Amended) The apparatus of claim 1, wherein said specified response comprises the center wavelength of said thin-film filter.
3. *The apparatus of claim 1, wherein said redirecting mechanism comprises a pigtail having a wedge in a transmitting end of said pigtail.*

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02 FC:1201

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